

Date: Tue, 3 Aug 93 09:14:05 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #940
To: Info-Hams

Info-Hams Digest Tue, 3 Aug 93 Volume 93 : Issue 940

Today's Topics:

 Alinco 580 questions
 ARRL Bulletin ###
 CW Procedure - a curly one
 CW Prosigns (was: -.. ..- -- -...)
 DOES ANYONE USE A "FLYTECRAFT" ANTENNA???
 Emergency Power Off
 external AM antenna
 How many people actually use paddles ? (2 msgs)
 Looking for gateway
 Need explanation of procedure in CW contacts
 New 97.113 Text
 New Official Phonetic Alphabet
 REQUEST FOR CONTRIBUTIONS: radio, scanner mod archive
 W: infos about DCF-77 receiver (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 3 Aug 93 13:01:15 GMT
From: ukma!rsg1.er.usgs.gov!dgg.cr.usgs.gov!bodoh@RUTGERS.EDU
Subject: Alinco 580 questions
To: info-hams@ucsd.edu

In article <23kpk9\$4n5@charm.magnus.acs.ohio-state.edu>, flinxwei@magnus.acs.ohio-state.edu (Eric Linxweiler) writes:

|>

|> Would someone who owns a 580 kindly answer the following questions:

|>
|> -what is the RX range(s) after complete modification
|>
|> -what is the TX range(s) after complete modification
|>
|> -if you were to purchase another dual band HT tomorrow,
|> would it be a 580? If not, what would it be?
|>
|> Thanks for your help. I have a F1T right now, and am considering a 580 or an
|> Icom W2A. Considering I am the new president of a ham club with a 70cm
|> repeater, I had best be getting a 440 rig!
|>
|> 73,
> Eric

After the mod, the RX is now 108-174, 400-487 and 860-999. It will display up to 519 and down to 810 but the PLL will not lock. I don't know what the xmit limits are since I haven't received my ticket yet and I have no dummy load to test out-of-band.

If I could have afforded it, I would have bought the W2A - although I do like my 580. The downsides of the 580 are a very sloooooow scan rate of 2 ch/sec and only 40 memories. I guess 40 memories wouldn't be bad for scanning only amateur frequencies, but I sold my handheld scanner to buy the 580 so I expect it to serve as a public service scanner as well. The factory duck makes a good dummy load, so you should plan on buying a real duck such as the ANLI 800 or dual-band Anderson Kulduckie. This is true of many HT's from what I've seen/heard.

You should also look seriously at the Standard 558 and the Yaesu 530 - people swear by them more than at them. I've heard that the Kenwood TH-78A has intermod problems - but perhaps they've reduced this as Alinco has in later copies of the 580. Please post your decision here and summarize your evaluation of your new HT - it will help others...

+++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, NOY?? (in the mail) +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)

+
+ "Welcome back my friends to the show that never ends!" EL&P
+

+++++

Date: Tue, 3 Aug 1993 14:45:50 GMT
From: news.cerf.net!pagesat!spssig.spss.com!feenix.metronet.com!

marcbg@network.ucsd.edu
Subject: ARRL Bulletin ###
To: info-hams@ucsd.edu

In article <wa2iseCB54K0.Dv1@netcom.com> wa2ise@netcom.com (Robert Casey) writes:
>Could these articles "ARRL Bulletin ###" also include a short description
>in the title? I always read these newsgroups by hitting "=" to scan titles,
>than I pick the ones that look interesting to read. Just seeing "ARRL
>Bulletin ###" doesn't tell me what it is about.
>
>i.e.: ARRL Bulletin 999, Silent Key Public Service hams honored"
>ARRL Bulletin 888, Scholarships Awarded"

I'll try to include a subject title when I'm downloading the stuff. Good idea, thanks.

--

Marc B. Grant, N5MEI | marcbg@feenix.metronet.com | 214/231-3998 (voice)
P.O Box 850472 | marcbg@esy.com | 214/231-0025 (fax)
Richardson, TX 75085 |

Date: 3 Aug 93 13:16:46 GMT
From: news-mail-gateway@ucsd.edu
Subject: CW Procedure - a curly one
To: info-hams@ucsd.edu

Drew VK3XU says...

>Here's a question for fellow CW fans on the question of etiquette;
>
>You have just finished a QSO with a station in (say) Germany. You
>answered his CQ; so it's nominally "his" frequency. At exchange of
>SK, another station now calls you. As far as you can hear, the other
>station has received no other calls. Is it ok for you now to reply to the
>caller, or should I QSY to a nearby clear spot and call? That is, does the
>frequency come "up-for-grabs" at exchange of SK?

I agree that the frequency is "his". If it were say, VK3XU, calling me, this is how I would handle it. I would very quickly tune a bit up or down to find an area that seemed pretty clear. (I'd take advantage of the two VFOs on my rig to be able to get back to where I was.) Note that "seemed" is the best I could do on such short notice. Let's say that around 5 kHz up seemed clear. I'd go back to the freq I was on and send "VK3XU UP 5" then go up 5 and send "QRL?". Even if the up 5 freq was in use, I'd figure I could find something pretty close that was clear and then call VK3XU. Of course, I haven't settled the issue of who calls whom, but that could be solved by using "QRX" initially or just making short calls and listening for the

other station to call or answer.

73,

Scott W01G

=====

Scott Sminkey email: sasminkey@eng.xyplex.com
Software Sustaining Engineering voice: 508 952-4792
Xyplex, Inc. fax: 508 952-4887
295 Foster St. (Opinions, comments, etc. are mine,
Littleton, MA 01460 not Xyplex's...)

Date: 3 Aug 93 13:07:54 GMT
From: news-mail-gateway@ucsd.edu
Subject: CW Prosigns (was: -.. ..- -- -...)
To: info-hams@ucsd.edu

levin@bbn.com recently asked...

>Why would anyone ever start their transmission with "BK"?

I asked this too when I got into CW in a serious way. Here's the explanation I got... The two ops in a QSO will use BK as a quick way of going back and forth during the QSO. Rather than sending something like "KD10N DE W01G K" or just "DE W01G K", W01G would end with "BK" to say "over to you". KD10N would then send "BK" at the beginning of his transmission so that W01G would be sure to know which CW signal in his receiver's passband really is KD10N.

73,

Scott W01G

=====

Scott Sminkey email: sasminkey@eng.xyplex.com
Software Sustaining Engineering voice: 508 952-4792
Xyplex, Inc. fax: 508 952-4887
295 Foster St. (Opinions, comments, etc. are mine,
Littleton, MA 01460 not Xyplex's...)

Date: 3 Aug 1993 13:11:42 GMT
From: overload.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!
math.ohio-state.edu!darwin.sura.net!europa.eng.gtefsd.com!news.ans.net!
malgudi.oar.net!news.ysu.edu!@dog.ee.lbl.gov
Subject: DOES ANYONE USE A "FLYTECRAFT" ANTENNA???
To: info-hams@ucsd.edu

Does anyone use a "Flytecrafft" 40-15 vertical antenna? I'm considering

The result is similar confusion to that shown by posters in this thread regarding the mechanism used by GFIs.

-adrian

Date: 1 Aug 93 17:08:34 GMT
From: beaver!brendan@beaver.cs.washington.edu
Subject: external AM antenna
To: info-hams@ucsd.edu

I am a displaced Canadian, living in Seattle and would like to be able to pick up CBC's AM broadcasting from Vancouver, about 120 miles north. If the atmospheric conditions are right, I can pick up a weak signal with an ordinary radio, if not it is virtually impossible. I would like to buy/make a stronger external AM antenna for my receiver and would really appreciate any advice/suggestions from knowledgeable net-folk. I tried a cheap (\$20) AM/FM antenna from Fred Meyer which improves things a bit but not enough. Will post a summary of responses.

Thanks in advance,

Brendan Mumey
Dept. of Computer Science
Univ. of Washington

Date: 3 Aug 1993 12:49:07 GMT
From: usc!news.bbn.com!bbn.com!levin@network.ucsd.edu
Subject: How many people actually use paddles ?
To: info-hams@ucsd.edu

hideg@spsd10b.erim.org ([Steve Hideg]) writes:

|Regarding the weights -vs- length discussion:

|My understanding of physics is that additional weight does not affect the period of a pendulum. Pendulum *LENGTH* changes the period.

It's a different kind of pendulum. In gravity pendulums (such as found in clocks) as the weight's mass is increased so does the force due to gravity and the acceleration stays the same. (Gravitational acceleration is constant, at a given fixed location.)

In a spring the force is constant (determined by the shape and material of the spring(s)), so the acceleration of the pendulum is inversely

proportional to the mass of the weight.

/JBL (hope I've got it right)

=

Nets: levin@bbn.com | "How does a mouse let me move the cursor anywhere
pots: (617)873-3463 | I want?" "What are address busses?" "How do
KD10N (@KB4N.NH.USA) | icons work?" --Time-Life Books

Date: Tue, 3 Aug 1993 14:42:17 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-
state.edu!math.ohio-state.edu!darwin.sura.net!sgiblab!sgigate!odin!
chuck.dallas.sgi.com!adams@network.ucsd.edu
Subject: How many people actually use paddles ?
To: info-hams@ucsd.edu

In article <HIDEG.93Aug3003737@spsd10b.erim.org>, hideg@spsd10b.erim.org ([Steve
Hideg]) writes:

|>
|> Regarding the weights -vs- length discussion:
|>
|> My understanding of physics is that additional weight does not affect the
|> period of a pendulum. Pendulum *LENGTH* changes the period.
|>
|> --Steve
|> N8HSC, just learning to use a bug.

Steve is right, the additional weight does not affect the period of a
pendulum. BUT, as i remember from my physics days, a pendulum is
suspended from a point and is free to move in a gravitational field.

this is not the case for a bug, thus the weight does make a difference
because of a spring constant and the inertia of the weight added to the
arm. try this. take bug and send a string of dits. add a clothes pin
to the arm at the same point at the current weight. does the speed of
the dits change? i thought so. EOT

dit dit

or is that

dit dit :-)

--

-----cut here-----

Chuck Adams, K5FO - CP60
adams@sgi.com

Date: 3 Aug 93 14:52:30 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: Looking for gateway
To: info-hams@ucsd.edu

Does anyone know of an Internet-to-packet gateway that supports telnet in the Dayton, Cincinnati or Columbus, Ohio areas, or Indianapolis?

Thanks and 73...

Steve, WB8IMY

Date: 3 Aug 93 12:52:09 GMT
From: news-mail-gateway@ucsd.edu
Subject: Need explanation of procedure in CW contacts
To: info-hams@ucsd.edu

wjturner@IASTATE.EDU (William J Turner) asked...

>Who out there in netland knows what to use AS for?

I send AS when I have to pause ("wait") for a few seconds. For example, I was fixed mobile, engaged in a QSO and had to move frequency. My mobile antenna is _very_ narrow on 40m, so I had to run outside and adjust it. I suppose AS would be good when I dropped my pencil, it rolled under the desk, and I had to crawl around for it. :-)

then CSMSCST@MVS.OAC.UCLA.EDU (Chris Thomas AA6SQ) commented...

>I've found AS to be an effective response when someone sends QRL?
>right on top of the weak DX station one is trying to work... It's
>shorter than most of the alternatives (and less profane than some
>that come to mind.)

The standard responses to QRL? taught to me by a 100 percent CW op are "YES" or "C", but I suppose AS gets the point across nicely, too.

73,
Scott W01G

=====

Scott Sminkey email: sasminkey@eng.xyplex.com
Software Sustaining Engineering voice: 508 952-4792
Xyplex, Inc. fax: 508 952-4887
295 Foster St. (Opinions, comments, etc. are mine,
Littleton, MA 01460 not Xyplex's...)

Date: Tue, 3 Aug 1993 13:28:07 GMT
From: elroy.jpl.nasa.gov!usc!math.ohio-state.edu!darwin.sura.net!uvaarpa!murdoch!
livia.acs.Virginia.EDU!jeg7e@ames.arpa
Subject: New 97.113 Text
To: info-hams@ucsd.edu

In article <CB60oB.EnM@feenix.metronet.com> marcbg@feenix.metronet.com (Marc Grant) writes:

>
>The following is the 1993 change to FCC rule 97.113

> [purported full text as ammended deleted]

If that's the real McCoy, then we've been told a lie by _someone_

This version makes NO MENTION of increased scope of operations by ARES/RACES type operators at Public Service events. The whole purpose of the rulemaking was supposedly to allow for a codified sanction of the types of traffic we're carrying now ("Startline to NCS, we're out of T-Shirts here", "Rest 3 to NCS, the officials here would like some more blah blah blah", etc...)

Also, it was supposed to have some wording that would have made AMPR.NET to other network gateways plausible. Not to mention PIZZA

What's the dope, man?

--

\\ \ / Jon Gefaell, Computer Systems Engineer | Amateur Radio - KD4CQY
 \\ \ / Information Technology and Communications | -Will chmod for food-
 \ / The University of Virginia, Charlottesville | Hacker@Virginia.EDU
Any opinions expressed herein are not intended to be construed as those of UVA

Date: Tue, 3 Aug 1993 14:43:37 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-
state.edu!math.ohio-state.edu!darwin.sura.net!news-feed-2.peachnet.edu!umn.edu!
csus.edu!netcom.com!grady@network.
Subject: New Official Phonetic Alphabet

To: info-hams@ucsd.edu

In order to promote multiculturalism in a hobby that has mainly attracted middle-class white men, the commission has recently proposed adopting a revised list of phonetics.

Comments must be received by 1200 UTC 7 Aug 93; otherwise the docket will be adopted as introduced.

Aisle
Bdelium
Czar
Djakarta
Eulogy
Fanatic
Gnat
Hour
Iwo Jima
Juanita
Knob
Llama
Mnemonic
Ngwee
Oedipus
Pneumonia
Qatar
Rwanda
Szold
Tzar
Urn
Veldt
Wright
Xylophone
Yttrium
Zweiback

--

grady@netcom.com voice/fax (707) 826-7715
compiler of Moby lexical databases, including
Moby Thesaurus, second edition: 30,000 roots, 2.5 million synonyms
finger grady@netcom.com for more information.

Date: 3 Aug 1993 10:57:54 -0400
From: dog.ee.lbl.gov!overload.lbl.gov!agate!library.ucla.edu!ddsw1!news.kei.com!
bloom-beacon.mit.edu!mcrcim.mcgill.edu!not-for-mail@network.ucsd.edu

Subject: REQUEST FOR CONTRIBUTIONS: radio, scanner mod archive
To: info-hams@ucsd.edu

As a service to the net-aware ham community, we have created an anonymous ftp site to hold modification instructions for ham radios and scanners, the use of which result in extended RX (and possibly TX) ranges, and/or other "interesting" features.

We are unaware of any site which offers such a service at this time. If informed otherwise, we shall actively seek out their entire collection(s), and add it to ours.

So... If you have any mods (which you would like added to what we hope will become THE Internet Modification Archive), please, deposit them via anonymous ftp in:

ham.eetech.mcgill.ca:/incoming,

or if you don't have ftp access, they can be mailed to:

ham@eetech.mcgill.ca.

At the moment, we have around 100 mods, which are located in:
ham.eetech.mcgill.ca:/pub/ham-radio/mods.

Bruno

--

/\

Bruno Hall | VE2HUM | bruno@mrcim.mcgill.edu

McGill Research Centre for Intelligent Machines - Controls Group

New systems generate new problems -- Join the Flat Earth Society.

Date: 3 Aug 93 11:28:30 GMT

From: usc!sol.ctr.columbia.edu!xlink.net!news.dfn.de!zam103!djukfa11!

iff212@network.ucsd.edu

Subject: W: infos about DCF-77 receiver

To: info-hams@ucsd.edu

Hello !!

Is there someone who can give me some informations where I can find schematics to build a DCF-77 receiver? It should have a TTL-compatible output.

Thanks in advance

Markus Wollgarten

iff212@DJUKFA11 or iff212@zam001.zam.kfa-juelich.de

Date: 3 Aug 93 11:30:35 GMT
From: usc!sol.ctr.columbia.edu!xlink.net!news.dfn.de!zam103!djukfa11!
iff212@network.ucsd.edu
Subject: W: infos about DCF-77 receiver
To: info-hams@ucsd.edu

Hello !!

Is there someone who can give me some informations where I can find
schematics to build a DCF-77 receiver? It should have a TTL-compatible
output.

Thanks in advance

Markus Wollgarten

iff212@DJUKFA11 or iff212@zam001.zam.kfa-juelich.de

Date: Tue, 3 Aug 1993 14:13:40 GMT
From: swrinde!cs.utexas.edu!convex!horak@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Jul15.212119.5975@sctc.com>, <1993Jul27.035405.28073@ra.oc.com>,
<23ckoa\$ltq@k2.sj.ate.slb.COM>
Subject : Re: Range? Portable Transceivers 2 Watt.

In <23ckoa\$ltq@k2.sj.ate.slb.COM> jones@San-Jose.ate.slb.com (Clark Jones) writes:

>Jason Lee Davis KB5YBP (jdavis@merlin.etsu.edu) wrote:
>: Russ Curry (curry@sctc.com) wrote:

>: > Roughly speaking, what's the effective transmit range
>: > of those little Handheld Transceivers (2 Watt/ 2 Meter)
>: > in miles (under optimal conditions?)

>(i.e., an AEA Hot-Rod), I can carry on conversations on repeaters over 100
>miles away, though it is very sensitive to my location (i.e., nearest building
>is over 1 mile away in the direction of the repeater, and the repeater is on
>a high mountain), and it is about 70% quieting (and about S6 on my meter),
>again this is at two watts. Last and least important factor is power. From

The recommendation for the AEA hot-rod is a good one. I've hit repeaters a hundred miles away on two watts while in Big Bend National Park. And while up on Guadalupe Peak (highest spot in Texas) I hit repeaters in El Paso on half a watt with a Cushcraft 4 element beam. Height and antenna are the most critical things.

David

Date: 3 Aug 1993 12:57:17 GMT
From: usc!news.bbn.com!bbn.com!levin@network.ucsd.edu
To: info-hams@ucsd.edu

References <1910@arrl.org>, <23c04b\$hhn@ornews.intel.com>,
<1993Jul30.162038@IASTATE.EDU>~
Subject : Re: Need explanation of procedure in CW contacts.

wjturner@IASTATE.EDU (William J Turner) writes:
|Who out there in netland knows what to use AS for? I've had to use it and the
|other ham had *no* idea what I was doing. (BTW--I use a straight key, and was
|not reading any screen. :-)

One place you'll see it is in W1AW code practice, at the beginning of each section and between two random words of any segment that runs longer than 10 minutes (remember the ID requirement):

<AS> QST DE W1AW <AR> <BT> (as I recall - maybe there's no <AR>)

<AS> means "stand by".

/JBL KD10N

=

Nets: levin@bbn.com |
pots: (617)873-3463 |
KD10N (@KB4N.NH.USA) |

"I gotta go."
-- I. Shoales

Date: 3 Aug 93 15:37:44 GMT
From: ogicse!uwm.edu!vixen.cso.uiuc.edu!sdd.hp.com!col.hp.com!fc.hp.com!
jayk@network.ucsd.edu
To: info-hams@ucsd.edu

References <744135015snx@bsdihi.atr.bso.nl>,
<930801.223119.5n2.rusnews.w165w@garlic.sbs.com>,
<1993Aug2.145836.29681@ke4zv.uucp>~

Reply-To : jayk@fc.hp.com

Subject : Re: HELP, PC RADIATES ...QRM

: Of course all exterior cabling should be shielded,

Very true. Check out the easy stuff first. When I brought home my new PC and SVGA it trashed out several bands. I was using a extender cable on the video. I removed the extender cable and the problem was gone.

73, Jay K0GU

End of Info-Hams Digest V93 #940
